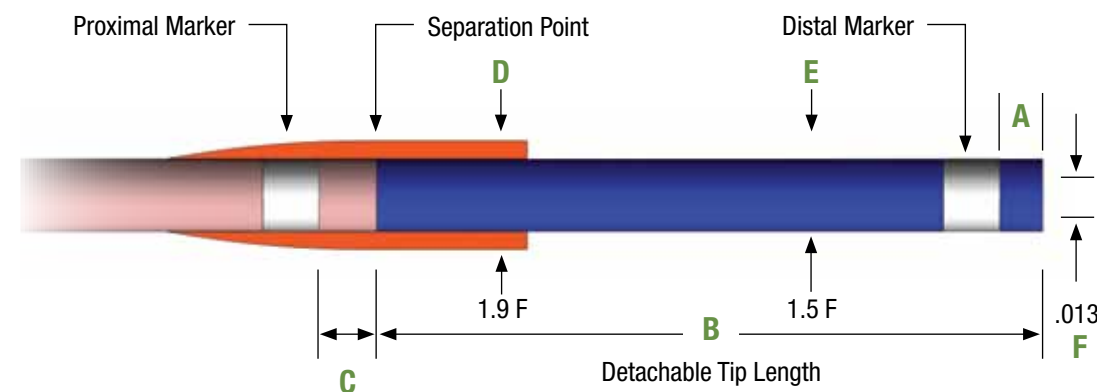


# Explore

The freedom to **CHOOSE** the best catheter position for each case.  
The power to achieve **COMPLETE** embolizations in Onyx™ procedures.  
The **CONFIDENCE** provided by enhanced safety during catheter retrieval.

| Apollo™ Onyx™ Delivery Detachable Tip Micro Catheter |        |                |         |                    |                    |                    |
|--|--------|----------------|---------|--------------------|--------------------|--------------------|
| Reference Number                                     | A      | B – Tip Length | C       | D – Outer Diameter | E – Outer Diameter | F – Inner Diameter |
| 105-5095-000   | 0.5 mm | 1.5 cm / 15 mm | 1.25 mm | 1.9 F / 0.63 mm    | 1.5 F / 0.51 mm    | 0.013 in           |
| 105-5096-000   | 0.5 mm | 3 cm / 30 mm   | 1.25 mm | 1.9 F / 0.63 mm    | 1.5 F / 0.51 mm    | 0.013 in           |
| 105-5097-000   | 0.5 mm | 5 cm / 50 mm   | 1.25 mm | 1.9 F / 0.63 mm    | 1.5 F / 0.51 mm    | 0.013 in           |

## Device Details



**Wire Compatibility:**  
The Apollo can be used with hydrophilic, 0.010" or less sized guidewires such as the SilverSpeed™ .010 and the Mirage™ .008. The Apollo is not compatible with non-hydrophilically coated guidewires or guidewires greater than 0.010" in diameter.

Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Apollo, Onyx, Marathon, SilverSpeed and Mirage are trademarks of ev3. Other names appearing in this document are the property of their respective owners.

| NEUROVASCULAR   PERIPHERAL VASCULAR   |   |  |   |   |   |
|---|---|--|---|---|---|
| Access · Balloons · Embolic Coils · Embolic Protection · Flow Diversion · Flow Restoration · Liquid Embolics · Plaque Excision · Procedural Support · Remodeling Devices · Retrieval Devices · Stents |   |  |   |   |   |
| <b>ev3 Europe</b><br>International Headquarters<br>106-108 rue La Boétie<br>75008 Paris<br>France<br>PH +33 156 88 59 10<br>FX +33 156 88 59 11   | <b>ev3 Corporate</b><br>World Headquarters<br>Peripheral Vascular<br>3033 Campus Drive<br>Plymouth, MN 55441<br>USA<br>PH +1 763 398 7000<br>FX +1 763 398 7001 | <b>ev3 Neurovascular</b><br>9775 Toledo Way<br>Irvine, CA 92618 USA<br>PH +1 949 837 3700<br>FX +1 949 837 2044  | <b>ev3 SAS France</b><br>PH +33 (0) 156 88 31 10<br>FX +33 (0) 156 88 31 11             | <b>ev3 S.r.l Italy</b><br>PH +39 0267 977 61<br>FX +39 0266 711 637       | <b>ev3 GmbH Germany, Austria</b><br>PH +49 228 528 830<br>FX +49 228 528 8360 |
|   |   | <b>ev3 B.V. Benelux</b><br>PH +31 (0) 433 659 223<br>FX +31 (0) 433 650 283  |   | <b>ev3 Nordic AB</b><br>PH +46 859 000 950<br>FX +46 859 000 959          | <b>ev3 Ltd. United Kingdom</b><br>PH +44 1279 659 900<br>FX +44 1279 654 900  |
|   |   | <b>ev3 International Distribution Centre</b><br>Europalaan 25<br>6199 AB Maastricht-Airport<br>The Netherlands<br>PH +31 (0) 433 659 220<br>FX +31 (0) 43 364 6395 | <b>ev3 Technologies Iberica, S.L. Spain</b><br>PH +34 91 656 7154<br>FX +34 91 656 7214 | <b>ev3 Sp z o.o. Poland</b><br>PH +48 32 747 01 44<br>FX +48 32 747 01 45 |   |
| www.ev3.net   |   |  |   |   |   |



Apollo™

Onyx™ Delivery  
Detachable Tip  
Micro Catheter

# Discover

the new approach  
to Onyx™ embolization.

CHOOSE COMPLETE CONFIDENCE



Apollo™ Onyx™ Delivery Micro Catheter with Detachable Tip

Welcome to the New Frontier in Onyx Embolization.

With its detachable tip, the Apollo Micro Catheter is specifically designed to mitigate the technical challenge of catheter entrapment during Onyx embolizations. Its versatile reflux management abilities let you navigate further into distal tortuosity, inject higher Onyx volumes over longer time periods, safeguard the neurovasculature during retrieval, and complete more embolizations from a single access point.



**Choose**  
the optimal catheter positioning, even in tortuous distal locations



**Complete**  
more embolizations to angiographic cure from a single-access point



**Confidence**  
provided by enhanced safety during catheter retrieval

**Syringe Adapter**  
The Syringe Adapter included with the Apollo Micro Catheter prevents dilution of Onyx in the hub, improves visualization, and increases accuracy by reducing dead space.

**End-to-End Reinforcement**  
**Superior Distal Performance** — Nitinol braiding throughout the distal segment enables high burst pressures to support Onyx injection, while simultaneously maintaining smooth tracking and superior navigability.

**Proximal Pushability**  
Strong, predictable force is delivered by stainless steel coil reinforcement in the proximal shaft.

**Marker Bands**  
Radiopaque marker bands provide accurate fluoroscopic visualization of the length of Onyx reflux at the catheter tip.

- Separate bands indicate the distal end of the detachable tip and the retrievable portion of the micro catheter.

**Point of Detachment (POD)**  
Engineered with proprietary technologies to release the tip with a consistent, predictable amount of force.

**Detachable Tip**  
Greatly reduces the critical challenge of catheter entrapment during Onyx embolization. The Apollo™ Micro Catheter's tip can be reliably detached and left securely in place. Reflux can be permitted and monitored, allowing for maximum injection time and deeper Onyx™ penetration.

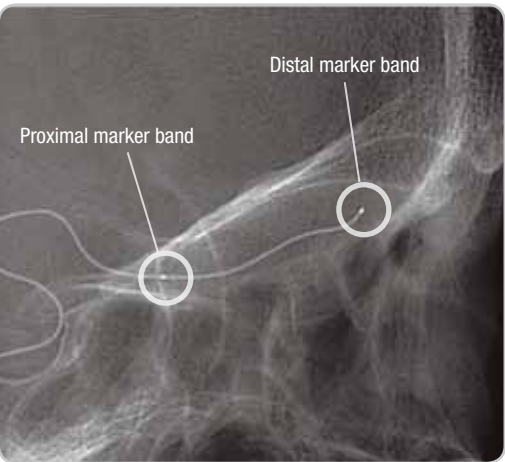
Choose from three tip lengths — 1.5 cm, 3.0 cm and 5.0 cm — to ensure that the POD is proximal to the last tortuous segment of the accessed pedicle.

**Floppy Distal Segment**  
A smooth distal transition is facilitated by variable durometer polymers.

**Marathon™ Platform**  
Apollo is built on the same proven platform as our Marathon Flow Directed Micro Catheter.

**Transition Zone (At 140 cm)**  
Excellent torque transfer and pushability is provided through Apollo's transition zone, where proximal stainless steel coil meets distal Nitinol braiding. A strong Pebax liner enables torque and pushability to be efficiently transferred at the joint.

*Choose* where to start. Perform *complete* embolizations. Finish with *confidence*.



Clear visualization of marker bands.



Deep nidal penetration from single-access point.

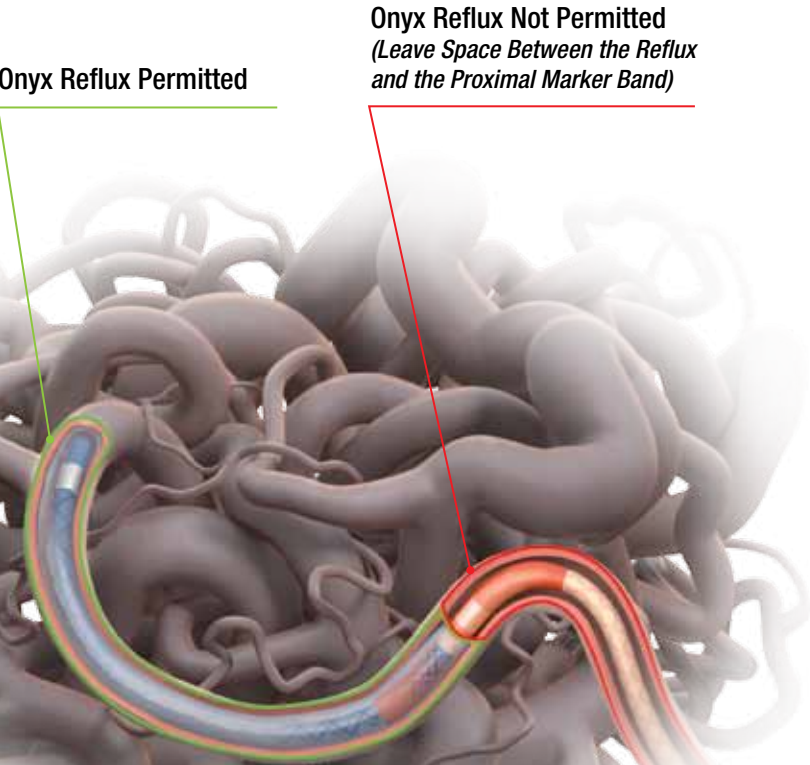


Complete embolization of AVM.



**The Apollo™ + Onyx™ LES solution. Made for each other.**

From its advanced detachable tip, to strategically-placed marker bands, to a Marathon™-inspired platform, everything about Apollo is expressly designed to complement and enhance embolization with Onyx 18 and 34. Together, these synergistic tools help you journey to more tortuous locations, embolize more challenging lesions, and return with confidence.



- Onyx™ Liquid Embolic — The Advantage of Time, the Power of Control.**
- Full penetration and complete packing
  - Ability to stop and start injections
  - Cohesive deposition and delivery
  - Excellent visibility
  - Control angiography during embolic injection